

Date: Tue, 1 Nov 94 11:30:16 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
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Subject: Info-Hams Digest V94 #1177
To: Info-Hams

Info-Hams Digest Tue, 1 Nov 94 Volume 94 : Issue 1177

Today's Topics:

4U9U - where is he located?
 AM AIRBAND INFO
 ARRL Letter, October 26, 1994
 DX Palindrome (was CW Palindrome Game!)
 Info on hallicrafters S27
 MOBILE ANT HELP
NoCal 00 goes after Packet BULLETins (2 msgs)
 No code Techs and CW...
 No License to Extra Leap? (2 msgs)
 Questions on this and that
 Tulsa OK - Hams Stores/Nets?
Yaesu FT-5200 Crossband Operation ?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 1 Nov 1994 20:40:46 GMT
From: dearnshaw@worldbank.org
Subject: 4U9U - where is he located?

In article <390rft\$or2@reznor.larc.nasa.gov>, <eckman@eos1.larc.nasa.gov>
writes:

> Path: worldbank.org!uunet!news.larc.nasa.gov!eos1.larc.nasa.gov!eckman
> From: eckman@eos1.larc.nasa.gov (Richard Eckman)
> Newsgroups: rec.radio.amateur.misc
> Subject: 4U9U - where is he located?
> Date: 30 Oct 1994 19:17:17 GMT

> Organization: NASA Langley Research Center, Hampton, VA USA
> Lines: 9
> Message-ID: <390rft\$or2@reznor.larc.nasa.gov>
> NNTP-Posting-Host: eos1.larc.nasa.gov
>
> I head a station operating in the contest today signing
> 4U9U in CQ zone 36, which would place him in southern
> Africa. Despite sticking around for awhile, he never gave
> his country. I assume that this is a UN employee, but
> does anyone know where he was operating from?
>
> Richard Eckman K04MR
> NASA Langley
> eckman@eos1.larc.nasa.gov
Rich,

He was located in Burundi (9U). I believe it was Paul, F6EXV, so may well end up counting for something!

-- Darrell.

Date: 31 Oct 1994 14:33:09 -0500
From: dtiller@gnd0.rmc.edu (David Tiller)
Subject: AM AIRBAND INFO

VEKINIS Peter (pve@dg13.cec.BE) wrote:

: A friend of mine who works in search and rescue is looking for an HT that
: can handle AM airband xmit plus FM xmit. It turns out that Search and Rescue
: personnel wear equipment on them and they cant be asked to have even more
: equipment in their suits.
: Does anyone know of a rig that can handfle AM transmit and FM, in otherwords
: offer 118-136MHz AM plus the FM band. He needs AM to talk to the Chopper S&R
: personnel and FM to talk to Police etc. An amateur radio HT that is
: modifiable would do nicely.
: Thanks,
: Peter, KC1QF
: pve@dg13.cec.be

There is one, I've seen it listed in flying mags like AOPA. I think it's made by airking or ICOM.

Date: Mon, 31 Oct 94 10:54:00 EST
From: "Palm, Rick, K1CE" <rpalm@arrl.org>

Subject: ARRL Letter, October 26, 1994

The ARRL Letter

Vol. 13, No. 20

October 26, 1994

Faster licensing:

FCC sets date for electronic filing

On October 24 the FCC released a 7-page Order amending its amateur rules, effective December 20, 1994, to reflect what the Commission calls "nonsubstantive procedural changes":

- * To permit electronically filed data from VECs (paper applications also will still be accepted);

- * To authorize operation as soon as the new license data appears in the amateur service licensee data base, rather than (as now) when the license document has been delivered (details of how the new licensee can determine his call sign will be announced later);

- * To add a new rules section, "Examinee Conduct," to emphasize that an examinee must comply with the instructions given by the administering VEs;

- * To treat "Technician Plus" as a license class;

- * And to provide for a "renewal short form," which the FCC says will be mailed to licensees in advance of their expiration date beginning sometime in 1995. The FCC added that renewal applications would be accepted no more than 90 days before the expiration date.

Because of the nature of these rule amendments, there is no notice or comment period required by federal law. Again, these changes do not take effect until December 20, 1994.

FCC seeks changes in two UHF bands

The FCC on October 20 adopted a Notice of Proposed Rule Making to convert a block of spectrum from federal government to commercial use, including two UHF bands shared by Amateur Radio on a secondary basis with the government.

The proposal, in ET Docket 94-32, would allocate 2390 to 2400, 2402 to 2417 (both shared by amateurs), and 4660 to 4685 MHz to the Fixed and Mobile Services. The FCC is required by the Omnibus Budget Reconciliation Act of 1993 to adopt rules for such a reallocation by February 10, 1995.

The proposal calls for licensing to be accomplished through competitive bidding. In a news release, the Commission said it is requesting comment on alternative approaches, including "continued use of some of this spectrum by the amateur community."

The FCC said it received a number of responses to its Notice of Inquiry on the proposed reallocations, including formal comments from "the amateur community" (primarily the ARRL). More information was in October QST, p 83.

In another proceeding, ET Docket 94-124, the FCC is proposing to open a number of bands above 40 GHz to commercial use. The only one that potentially affects amateurs is 76.0 to 77.0 GHz, which is adjacent to our primary allocation at 75.5 to 76.0 GHz and is part of the 76.0 to 81.0 GHz band that amateurs share on a secondary basis.

FLOODS BRING OUT

TEXAS VOLUNTEERS

The FCC on October 19 declared a "Voluntary Communications Emergency" as Texas amateurs provided service during flooding in the southeastern portion of the state and particularly in the Houston area. That morning, North Texas Section Emergency Coordinator Joe Brown, K5UPN, reported that several statewide and emergency nets were in around-the-clock operation. Some of these nets, like the Texas RACES Net and the Central Gulf Coast Hurricane Net, were handling emergency and priority traffic only. The other nets were handling information requests and health and welfare traffic.

As a result of the net activity, the FCC's Houston office issued a statement saying "All Amateurs are requested to cooperate by recognizing the existence of a voluntary communications emergency and therefore relinquishing the use of frequencies between 3967 and 3973 and between 3972 and 3978 kHz and between 7245 and 7251 kHz for the handling of emergency traffic."

On Thursday, October 20, ARRL South Texas Section Manager Alan Cross, WA5UZH, reported by telephone that ARES teams were heavily involved in emergency communications. At the time, he didn't notice any ARES personnel shortages. Radio amateurs were active at Houston-area Red Cross shelters, assisting fire departments and sheriff departments, according to plans already in place. Many radio amateurs were also staffing emergency operation centers.

Cross also mentioned the burning gas pipelines at the San Jacinto River. He was concerned that in due time, the ARES operators would need reinforcements. The North Texas Section had already contributed ARES personnel to help.

By late Thursday, emergency nets were back to their normal operating schedules. Joe, K5UPN, reported a large number of health and welfare messages and related traffic being handled. On Friday, Brown reported the same kind of activity on the local and section nets. -- Steve Ewald, WV1X.
NEWSMAN BILL LEONARD,
W2SKE, IS DEAD AT AGE 78

Bill Leonard, W2SKE, a former president of CBS News, died October 23 in Laurel, Maryland. He was 78.

Leonard, an avid DXer and contest operator in the 1960s and 1970s, was an advocate for Amateur Radio, writing, for example, an article for Sports Illustrated in 1958 entitled "The Battle of the Hams." It described the "sport of DXing" and Leonard's role in it from the contest super station of Buzz Reeves, K2GL, in New Jersey.

Leonard said in 1981 that he was interested in radio as a child in the 1920s, and received his first amateur license, W1JHV, while a student at Dartmouth College in 1934.

After graduating in 1937, Leonard went to work as a reporter for the Bridgeport, Connecticut, Post-Telegram. After serving in the US Navy from 1941 to 1945, where he was involved with electronic countermeasures against German radio-controlled bombs, he joined CBS News in 1945.

As CBS president, Leonard was credited with the selection of Dan Rather as CBS Evening News anchor, as a member of the team that developed the "60

Minutes" newsmagazine, and of helping develop techniques to predict election outcomes.

Asked in 1981 about the future of Amateur Radio, W2SKE said "I have a hunch that Amateur Radio is going to get more and more tangled up with amateur computer technology." He also said "My bet is that ham radio, in one form or another, will be around 100 years from now."

A profile of W2SKE appeared in March, 1981, QST. Bill Leonard leaves his wife, the former Norma Kaphan Wallace, and six sons.

FCC ESTABLISHES NEW INTERNATIONAL BUREAU

The FCC has created an International Bureau to handle international telecommunication and satellite programs and policies and to represent the Commission at international conferences and negotiations. The bureau will have three divisions: Telecommunications; Satellite and Radiocommunication; and Planning and Negotiations.

This new bureau is a major part of the FCC's overall reorganization announced last summer.

COMICS FUNDING SOUGHT

All kids like comics. Every year ARRL HQ provides some 50,000 copies of an Archie ham radio comic to amateurs, who then give them to interested youngsters as part of the League's effort to tell them about Amateur Radio. Print runs of 100,000 (the minimum) cost about \$19,000. The comics come with a reply card for more information and a list of companies and clubs that have contributed to the comics program.

So please help, by asking your club to consider giving \$50, \$100, \$250 or what your members can afford -- or ask your club newsletter editor to run this article in the next issue. Contact the ARRL Educational Activities Department for details. And thanks.

BRIEFS

* W1AW has reoriented its beams for 10, 15, and 20 meters to provide better coverage of the southeastern states. The 120-foot tower now has upper antennas on those bands pointed west and lower beams, fed in phase, pointed south. The work was done by station manager WA1MBK and operator WB9RRU.

* Last summer, London's Science Museum announced that its Amateur Radio exhibit station, GB2SM, would be closed down because its time had passed. The Radio Society of Great Britain went to work, and now says that the museum has agreed to discuss "providing an innovative, state-of-the-art, hands-on exhibit to replace the existing station." In the interim (GB2SM will close November 7) the RSGB hopes to find a way to at least keep the famous call sign on the air.

* The latest HQ staff member to get an amateur ticket is Media Relations Assistant Jennifer Hagy, sporting N1TDY.

And November QST's "Behind the Diamond" victim Bill Moore, NC1L, has been promoted to DXCC supervisor.

Speaking of November QST, did it seem fat to you? At 272 pages it was a record!

* German Astronaut Ulf Merbold, DP3MIR, has been active from the

Russian space station Mir, but a power supply problem prevents him from using his digital voice memory and reduces his activity to only a few passes a day over Europe. DF5DP, the Deutscher ARC Coordinator of Satellites and Space Projects, said they do not have details about the problem because questions and answers about DP3MIR are relayed via the Moscow control center, a process that "turned out to be very complicated."

DP3MIR will stay aboard Mir until about November 3.

* The United Kingdom has lowered the minimum age for its full amateur license. Previously 14, the age has been lowered to 10 years, provided that the applicant has held a Novice license Class A or B for a full year and then passes the exam for either a full Class A or Class B ticket.

* The Dayton Amateur Radio Association is once again accepting applications for its scholarship program, open to all FCC-licensed amateurs who will graduate high school in 1995. The DARA offers eight scholarships of \$2000 each. For more information and application forms write to DARA Scholarship Committee, 45 Cinnamon Court, Springboro OH 45066.

* As noted last issue, the "Big Dish" Earth-Moon-Earth operation from VE3ONT on the first weekend of the ARRL EME Contest October 29 and 30 was canceled. Now, however, in addition to likely having the dish available for the second weekend of the Test, November 26 and 27, the operators may be able to use it on November 24 and 25 as well. If so, they plan to operate on 50, 432, and 1296 MHz on those days (and on 144 MHz during the contest). All this was still tentative as we went to press.

10 years ago in The ARRL Letter

A letter from the FCC's Private Radio Bureau Chief Robert Foosaner clarified what was permissible during Amateur Radio support of the New York City Marathon. The prohibition against "business communications" became more of a concern because the marathon was, in 1984, awarding prize money for the first time. Foosaner said that of the three specific services amateurs planned to provide at the event -- a medical network, crowd-control logistics, and lead runner position -- only the latter was questionable, because news services could use the amateurs' communications to provide them with information. Foosaner recommended that lead runner information be passed on commercial frequencies.

The matter of "business communications" continued to be a thorny one for amateurs until the summer of 1993, when the FCC acted to ease prohibitions on "business communications." The FCC in 1993 also agreed with the League that proposals from commercial broadcast interests to allow Amateur Radio to be used in dissemination of information was not desirable.

In 1983 the FCC had changed the way hams' transmitter power was to be measured, from dc input to PEP output; AM operators in 1984 began lobbying for special consideration, since the change in the rules actually reduced the amount of power they were legally allowed to run. The matter was not finally settled until the early 1990s.

Date: 1 Nov 94 14:59:04 GMT
From: Wayne_Estes@csg.mot.COM (Wayne_Estes)
Subject: DX Palindrome (was CW Palindrome Game!)

> Name a DXCC country where the term used to refer
> to the inhabitants is a palindrome.

I heard that one on the National Public Radio word game last weekend.

*** Nauruan (residents of Nauru) ****

Wayne Estes WD5FFH wayne@csg.mot.com

Date: 31 Oct 1994 16:50:37 -0600
From: dave@flowserver.stem.com (David Adams)
Subject: Info on hallicrafters S27

Greetings! Just picked up a hallicrafters s27 (freebie...bad shape).
Was wondering if anyone would like to tell me anything about this
rig... have some manuals coming, but would like to hear from anyone
who knows anything about it....

73 de dave,n9uxu

Actually, it's great to look at...nice case, dials, etc...but I would
guess the tubes and transformers are all shot!

Date: Mon, 31 Oct 1994 18:58:48 GMT
From: ehare@arrl.org (Ed Hare (KA1CV))
Subject: MOBILE ANT HELP

Carl S Short (shortcs@mail.auburn.edu) wrote:
: Hello all, Can anyone suggest to me the best way to route an antenna
: cable for a mobile vhf ant through a c. 1985 Buick Rivera? Thanks in
: advance.

: 73 de Sim, KB5JAW

Here are the GM bulletin numbers for the GM installation guidelines:

Buick 93-9-1
Chevrolet 93-24-9A
Oldsmobile 93-I-07
Pontiac 93-9-1

North American Truck 93-9-23
Canada 93-8A-104

Saturn allegedly has a video on mobile installation, but none of the dealers seem to know about it. I have a call into one of my low friends in high places. :-)

If anyone would like a copy of the GM installation guidelines, send a 9X12" SASE with two units of postage *and* a specific request for the "GM Installation Guidelines" to the ARRL Technical Department Secretary, 225 Main St, Newington, CT 06111. A copy has been reprinted in the ARRL book -- Radio Frequency Interference -- How to Find It and Fix It.

73 from ARRL HQ, Ed

--

Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

Date: 1 Nov 1994 17:48:08 GMT
From: hanko@wv.mentorg.com (Hank Oredson)
Subject: NoCal 00 goes after Packet BULLetins

In article <1994Oct30.230409.12576@news.csuohio.edu>, sww@csuohio.edu (Steve Wolf) writes:

|> Robert Casey (wa2ise@netcom.com) wrote:
|> :
|> : As Gary K____ (sorry, forgot your call) (the guy at a destructive test lab)
|> : pointed out, the FCC considers all the packet posts as 3rd party traffic.
|>
|> Please do advise when and where the FCC made such a determination. Please
|> post the text!

Well Steve, you already have the text.

It is called "part 97", and is the rules we operate under.

Please read it, doing so will help you understand the discussions about 3rd party traffic that are going on here.

... Hank

--

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: WORLI@WORLI.OR.USA.NOAM

Date: 1 Nov 1994 17:42:24 GMT
From: hanko@wv.mentorg.com (Hank Oredson)
Subject: NoCal 00 goes after Packet BULletins

In article <1994Oct28.035950.1419@news.csuohio.edu>, sww@csuohio.edu (Steve Wolf) writes:

|> Todd Little (little@iamu.chi.dec.com) wrote:
|> :
|> : In article <CyCEKB.7Hq@wang.com>, dbushong@wang.com (Dave Bushong) writes:
|> :
|> : |>Again, this discussion is not about speech content, but one-way
|> : |>communications.
|> :
|> : Good, I'm glad you see our point then. The communication is two-way. I
|> : send a packet to the PBBS and it sends me an acknowledgement. What is
|> : one-way about that? The content may be construed as one-way, but the
|> : communication is definitely two-way. That is unless you set up your
|> : beacon text to be a 10 line cookie recipe. ;-)
|> :
|> :
|> The acks for the ax.25 protocol are little more than the op at W1AW looking
|> at the power meter and seeing that watts are going into the antenna. The
|> acks mean the data is reaching the other BBS. We don't know where the bits
|> go from there. All we have in the ax.25 is a remote wattmeter.

So what you are saying is that when I call 7P1AAA on CW, hoping to work
a new country, all I have to do is watch my wattmeter and verify that
I responded to his CQ, and I have a valid QSO?

What point are you attempting to make?

The ACK does not come from W1AW, it comes from the station W1AW
is in QSO with, includes W1AW's callsign plus the callsign of the
station W1AW is in QSO with. The ACK contains TWO callsigns.

"Earth to Steve ... please engage brain ..."

... Hank

--

Hank Oredson @ Mentor Graphics Library Operations

Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: WORLI@WORLI.OR.USA.NOAM

Date: 1 Nov 94 13:41:14 GMT
From: William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM
Subject: No code Techs and CW...

>The largest class of ticket holders in Ham radio are
>technicians, and I would sure like to see everyone who wants an
>upgrade to get one, but when someone comes into a testing
>session and has been studying CW for 2 weeks, and wants to pass
>the 13wpm, I get kinda riled up.
>Wcoyle@delphi.com N3OGH

(in another message, n3ogh says he's been a ham for around 3 years now..)

<sigh>...newbies. why would you ever get riled up over that? some people
don't have a problem learning code - comes naturally to them - others have to
struggle.

So the candidate has been studying only for 2 weeks. did he pass or not?

Anyone that can pass the tests deserves the welcome of their fellow hams.

what about those guys that come in and go from nothing to extra in one hop
(we've had several over the years here...some were hams once and let their
license expire, others were/are professional CW operators (military intercept,
shipboard radio op, etc.)).

there are guys out there that design radio equipment for a living and aren't
even hams! yes, they might even eschew a license because they don't want to
be associated with "amateurs"....

bill wb9ivr.

Date: Tue, 1 Nov 1994 15:35:46 GMT
From: klg5646@ultrb.isc.rit.edu (K.X. Gerling)
Subject: No License to Extra Leap?

In article <CyJoDL.8sz@nntpa.cb.att.com> dara@physics.att.com (Shel Darack)
writes:

>
>Sure, some guy walked in and did the 20 wpm cw and theory exams
>through Advanced. It was getting late so they told him he would

>have to come back next time for the extra theory. Which he did.
>I was a VE at the session when he passed the theory.
>Shel
>

Maybe the VE's just wanted him to come back so they could get another
\$5 or \$6 for another testing session.

-Freff

Date: Tue, 1 Nov 1994 15:22:58 GMT
From: tja@netcom.com (T.J. Alessi)
Subject: No License to Extra Leap?

Arthur Chandler (arthurc@crl.com) wrote:
: Has there ever been anyone who walked into a licensing examination with
: no license at all, passed everything, and walked out amateur extra? If
: not, what's the biggest leap anyone has heard of? I took someone to an
: exam site, and he went from Tech + to Advanced in one leap -- passed the
: 13 wpm, general, advanced, and even the extra exam. Couldn't quite handle
: the 20 wpm, however.

Yes. I am a VE in our area and we had a guy in his 20's who had moved to
the USA the previous year.

Walked in, passed 20WPM took all exams Novice to Extra and nearly aced all
of them. We were amazed.

--
-----[T.J. Alessi - WB1L]-----
T.J. Alessi & Associates * PO Box 16781 * Stamford, CT 06905 * 1.203.969.1880
Internet:TJA@Netcom.Com or via WWW URL=ftp://ftp.netcom.com/pub/tja/home.html

Date: Mon, 31 Oct 1994 19:50:07 GMT
From: bigdon@eskimo.com (Don Anderson)
Subject: Questions on this and that

<38nks8\$8io@abyss.West.Sun.COM>
Organization: Eskimo North (206) For-Ever

RE: "Shave-and-a-haircut-two-bits"

-

There is another good one on CW, rarely heard now days.
It originated on the "Chicken-Fat" CW net which I don't believe meets regularly but some of the survivors are still active (emphasis on the chicken).

-

This one goes: dit dit dit di-daahhhhhh

-

It is supposed to be analogous to a chicken
going: buck buck buck ba-baaawwwwwkkk

-

It was the farewell transmission for those checking out of the net. To do it right you need a straight key to get the correct duration on the last "element." The real pro's, with well developed dexterity and coordination, could even wiggle the VFO slightly on the daahhhhh for proper effect.

-

Illegal as hell, of course.

-

Don N7EF

Date: Tue, 1 Nov 1994 14:42:20 GMT
From: casey@mksol.dseg.ti.com (casey j romanski)
Subject: Tulsa OK - Hams Stores/Nets?

Can someone help me find ham retail stores in the Tulsa area
and 2 meter swap nets?

Thanks!

Date: Mon, 31 Oct 1994 19:08:21 GMT
From: goldfarb@falcon.rd.ray.com (Marc E. Goldfarb)
Subject: Yaesu FT-5200 Crossband Operation ?

I recently purchased a Yaesu FT-5200 2m/70cm mobile transceiver and was told at the time of purchase that it permitted cross-band repeat. I can't seem to locate this function in the manual. Is there a modification required to do this?

Also, The "P" key on the microphone is unused according to the manual. Is there a way to program this key. It would be very useful to toggle bands using this key to answer a call on 440 when the 2m VFO is active, and vice-versa.

Any replies, by e-mail, would be greatly appreciated.

73,
Marc WB2ELF >>

Marc E. Goldfarb, PE e-mail: goldfarb@tomcat.rd.ray.com
Raytheon Co., Adv. Device Center address: 358 Lowell St., Andover, MA 01810
phone: 508-470-9955 fax: 508-470-9058

DISCLAIMER: Any opinions expressed in the foregoing message are solely the
author's, and do not represent the position of the Raytheon Company.

--

Marc E. Goldfarb, PE e-mail: goldfarb@tomcat.rd.ray.com
Raytheon Co., Adv. Device Center address: 358 Lowell St., Andover, MA 01810
phone: 508-470-9955 fax: 508-470-9058

Date: Tue, 1 Nov 1994 15:10:53 GMT
From: zlau@arrl.org (Zack Lau (KH6CP))

References<19940ct31.021040.1@ntuvax.ntu.ac.sg> <n7ryw.32.00171C3C@teleport.com>,
<19940ct31.195548.844@ke4zv.atl.ga.us>
Subject: Re: Contacting the MIR. Help!

Gary Coffman KE4ZV (gary@ke4zv.atl.ga.us) wrote:
: In article <n7ryw.32.00171C3C@teleport.com> n7ryw@teleport.com (William Roth)
writes:

: >In article <19940ct31.021040.1@ntuvax.ntu.ac.sg> asirene@ntuvax.ntu.ac.sg
writes:

: >> Can anyone tell me the minimum requirement to work the MIR.
 ^^^^^^^

: Unfortunately, this is bad advice. An analysis of all possible passes
: for a LEO sat shows that it will spend the majority of the time you
: are in it's footprint at an angle of less than 30 degrees above the

Gary's inappropriate and lengthy analysis deleted.

Gary's analysis makes sense if you are interested maximizing the
time you can work MIR, as opposed to just working them once.

Advantages of the MIR overhead:

Minimum path loss--shortest distance, fewer obstructions

Good possibility of low background noise
If you are in Hawaii or someplace similar
the competition is out of range.
Minimal doppler

--
Zack Lau KH6CP/1 2 way QRP WAS
 8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

End of Info-Hams Digest V94 #1177
